



PATENT
2786-0242P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Liat DE-VRIES Conf.: Unassigned
Appl. No.: 10/649,865 Group: Unassigned
Filed: August 28, 2003 Examiner: Unassigned
For: TISSUE CONTAINER WITH AUXILIARY COMPARTMENT

LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 7, 2003

Sir:

Under the provisions of 35 U.S.C. § 119 and 37 C.F.R. § 1.55(a), the applicant(s) hereby claim(s) the right of priority based on the following application(s):

<u>Country</u>	<u>Application No.</u>	<u>Filed</u>
ISRAEL	152867	November 14, 2002

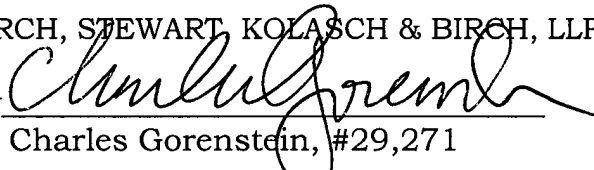
A certified copy of the above-noted application is attached hereto.

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Respectfully submitted,

BIRCH, STEWART KOLASCH & BIRCH, LLP

By


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Attachment(s)



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Birch et al.
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לשימוש הלשכה

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בקשה לפטנט

Application For Patent

מספר: Number	15286 +
תאריך: Date	14-11-2002
הוקדם/נדחה: Ante/Post-dated	

אני, (שם המבקש, מענו ולגבי גוף מאוגדת מקום התאגדותו)
I, (Name and address of applicant, and in case of body corporate-place of incorporation)

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ששמה הוא Being inventors
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בעל אמצאה מכח
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אריזה למטליות עם מארז נלווה לתכשיר

(בעברית)
(Hebrew)

Tissue container with auxiliary compartment

(באנגלית)
(English)

Hereby apply for a patent to be granted to me in respect thereof.

מבקש בזאת כי ינתן לי עליה פטנט

* בקשת חלוקה Application of Division		* בקשת פטנט מוסף Appl. for Patent of Addition		דרישת דין קדימה Priority Claim		
מבקשת פטנט from application		* לבקשה/לפטנט to Patent/Appl.		מספר/סימן Number/Mark	תאריך Date	מדינת האיגוד Convention Country
No. _____	מס' _____	No. _____	מס' _____			
Dated _____	מיום _____	Dated _____	מיום _____			
* יפוי כח: P.o.A.: (1) POA to be filed (2) POA to be filed						
המען למסירת מסמכים בישראל C. 141205 REINHOLD COHN AND PARTNERS Patent Attorneys P.O.B. 4060, Tel-Aviv						
רינהולד כהן ושותפיו עורכי פטנטים ת"ד 4060, תל-אביב						
חתימת המבקש Signature of Applicant				היום This		
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אריזה למטליות עם מארז נלווה לתכשיר

Tissue container with auxiliary compartment

Liat De-Vries

Boaz Kristal

C. 141205

TISSUE CONTAINER WITH AUXILIARY COMPARTMENT

FIELD OF THE INVENTION

The present invention relates to tissue containers and to dispensers, for dispensing tissues, towelettes and the like from such containers. More particularly the invention is concerned with such tissue containers and dispensers which readily offer use of an associated preparation.

BACKGROUND OF THE INVENTION

In combination with using a tissue (e.g. facial, toilet or other tissues, towelettes, wipes, pads, bandages, etc.), whether of the dry or moistened type, it is frequently advantageous to have a supply and means for conveniently accessing a preparation. A classic example is one in which a baby's diaper is being changed and it is desired to apply some sort of lotion or cream on the baby prior to diapering with a fresh diaper. On the other hand, the lotion may be used prior to using the tissue as in the case of the lotion being a cleansing preparation.

The term *preparation* or *preparations* hereinafter in the specification and claims is used in its widest connotation and denotes any liquids or topicals such as ointments, oils, salves, moisturizers, anti-bacterial compositions, rubbing alcohol, perfumes, cleansers and the like, powdered material for different uses e.g. hygienic, medical, cosmetic, cleaning, treating surfaces, etc.

Presently it is necessary to carry a separate container, such as a tube or a jar, of ointment along with the tissues. Thus, one must carry along and search for the ointment and deal with a situation of having more than one item in use. This can be particularly important in the situation when one is changing a baby's diaper in

public. In such a case there are presently more items to carry, locate, use and potentially forget and leave behind.

If the preparation and tissues are packaged in an integral or complementary manner, the entire activity is much more convenient and precludes the possibility, 5 for example, of leaving behind an ointment tube at a diaper changing location. It also prevents the possibility of forgetting a preparation container behind.

While prior art such as U.S. Patent Nos. 6,457,434, 6,170,426 and 5,509,593 disclose various types of tissue dispensers that include some sort of supplementary compartment, container or housing, these dispensers are only designed for wetting 10 a dry tissue or providing a compartment for wet as well as dry tissues. The auxiliary compartments are not amenable for holding a lotion to be applied before or after using the tissue.

U.S. Patent No. 5,439,104 discloses an eyeglass cleaning station including a compartmented housing containing a dispensing bottle of liquid lens cleaning 15 material and a dispensing box of disposable lens cleaning tissue.

Thus, it is an object of the present invention to provide a tissue container with an auxiliary compartment, attached to or integral with the container, for holding a preparation that is typically used in conjunction with the tissue.

SUMMARY OF THE INVENTION

20 According to the present invention there is provided a tissue container comprising a tissue receiving enclosure and a re-closable opening for dispensing tissues there through; and an associated auxiliary compartment associated with the container, for holding a preparation for use in conjunction with the tissues. The auxiliary compartment is attached to or integral with the container, or may be 25 provided loose within the tissue container.

According to some particular embodiments of the invention, wherein the auxiliary compartment is integral with or attached to the dispenser. By one embodiment, the dispenser comprises a tissue dispensing opening fitted with a re-closable first lid and a re-closable auxiliary compartment.

According to another aspect of the invention there is provided a tissue dispenser for use with a tissue container, said dispenser is formed with a tissue dispensing opening and a receptacle constituting the auxiliary compartment; and a re-closable lid for closing the dispensing opening. According to particular
5 embodiments, the auxiliary compartment is re-closeable.

According to still a further aspect of the invention, there is provided a compartment comprising a preparation for use in conjunction with a tissue, said compartment being an auxiliary compartment included with or attached to a tissue container.

10 BRIEF DESCRIPTION OF THE DRAWINGS

In order to understand the invention and to see how it may be carried out in practice, some embodiments will now be described, by way of non-limiting examples only, with reference to the accompanying drawings, in which:

Fig. 1A-1D illustrate a dispensing cover in accordance with an embodiment
15 of the present invention, wherein:

Fig. 1A is an isometric view of the dispensing cover in a closed state;

Fig. 1B is an isometric view, partially sectioned, with a tissue dispensing lid partially open;

Fig. 1C is an isometric view of the dispensing cover with the first lid in its
20 open state;

Fig. 1D is an isometric view with the second lid in its open state, the first lid being closed;

Fig. 2A is a perspective view of a cylindric tissue container fitted with a dispensing cover in accordance with an embodiment of the present invention;

25 Fig. 2B is a longitudinal section along lines II-II in Fig 2A;

Fig. 3A is an isometric view of a cylindric tissue container in accordance with a different embodiment of the invention;

Fig. 3B is a longitudinal section along lines III-III in Fig. 3A;

Fig. 4A is an isometric view of a top portion of a cylindric tissue container in accordance with still another embodiment of the invention, with the lid partially opened;

Fig. 4B is a section of a top portion of the container illustrated in Fig. 4A in
5 the same respective position of the lid;

Fig. 5A is an isometric view of a soft-packed tissue container fitted with a dispensing cover in accordance with an embodiment of the present invention, the dispensing lid in its open state;

Fig. 5B is a section of a top portion of the container in Fig. 5A with the lid
10 in its closed state;

Fig. 6 is an isometric view of a dispensing cover in its open state illustrating a modification of the embodiment seen in Fig. 5A;

Fig. 7A is an isometric view illustrating a dispensing cover in accordance with an embodiment of the invention;

Fig. 7B illustrates an array of blisters for use in conjunction with a tissue
15 container in accordance with the present invention;

Fig. 8A is a top isometric view of a dispensing cover for use with a tissue container in accordance with another embodiment of the present invention;

Fig. 8B is a section along lines VIII-VIII in Fig. 8A; and

Fig. 9 is a top view illustrating a further modification of the dispensing
20 cover in Fig. 8A.

DETAILED DESCRIPTION OF SPECIFIC EMBODIMENTS

Attention is first directed to Figs. 1A-1D illustrating a tissue dispensing cover generally designated 20 for use with a tissue container (not shown). It is
25 appreciated that the cover 20 may be used with a variety of tissue containers, e.g. soft pack containers, rigid boxes, etc., and further, that the tissue dispensing opening within the cover may be a regular wide opening or be fitted with some tissue separating means to facilitate dispensing one tissue at a time, as known, *per se*.

The cover 20 comprises a base portion 24 integral with or attached to the container (not shown) e.g., by an adhesive material, welding, etc. or by snap-type attachment, whereby a tissue dispensing opening of the cover extends opposite a corresponding opening formed in the container.

5 The cover 20 comprises a tissue dispensing opening 28 (Fig 1D) which until first used is normally sealed (as in Figs 1B and 1C), e.g. by a removable foil or by a breakable/tearable film of plastic material 30 (Figs. 1B and 1C), serving to retain moist within the tissue container and also as a temper proof evidence.

10 The cover comprises a first lid 40 hingedly pivotted at 42 by means of an integral hinge to the base 24, and being displaceable between a closed position (Fig. 1A) and an open position (Fig. 1C). The first lid 40 is fitted for sealing the tissue dispensing opening 28 to prevent moisture evaporation and in accordance with one particular embodiment, the first lid 40 is biased to snap into its open position, e.g. by means of an integral spring arrangement, or a silicon spring, etc.

15 The first lid is retained in its closed position (Fig 1A) by a snap-type latch arrangement 48.

Found within the first lid 40 there is an auxiliary compartment designated 52 sealable by a second lid 54 hinged to the first lid 40 and fitted for snap engagement into the first lid by means of a laterally projecting latch 58 snapingly engageable

20 with a corresponding recess formed in the first lid 40.

The auxiliary compartment 52 is fitted for receiving preparations of different kinds e.g. a soothing paste or ointment for applying on a baby's buttocks, a skin comforting gel, a cleaning preparation, etc. The size and sealing means provided for said auxiliary compartment are determined, among others, by the

25 nature of the composition received within the auxiliary compartment.

The arrangement is such that for dispensing a tissue, in dry or moist state from the tissue container, the first lid 40 is opened by depressing latch 48 allowing for easy withdrawal of a tissue, upon which the first lid may be closed. Then, if it is required to make use of the composition received within the auxiliary compartment,

e.g. to apply a soothing cream over a baby's buttocks, the second lid 54 is opened providing axis to the auxiliary compartment 52.

Turning now to Figs. 2A and 2B there is illustrated a different embodiment of a tissue container in accordance with the present invention generally designated 70, being a rigid cylindrical container in which tissues are typically
5 provided in a reel with pre-perforated separation between the tissues, as known *per se*. The container 70 is provided with a dispensing cover 72 fitted with a dispensing slit 74 (Fig. 2B) usually having an X-like shape fitted for extracting excess moisture from the tissues and for ensuring separation of the tissues from one
10 another as a leading tissue is being extracted from the container.

In accordance with the present embodiment, the cover 72 is formed with an annular groove 78 constituting the auxiliary compartment and being sealed by a common lid 82 fitted for sealing engagement of the tissue dispensing opening and the auxiliary compartment 78.

15 As noted in Fig. 2B, the auxiliary compartment 78 has a U-like cross section which permit for easy access by a fingertip for scooping an ointment or the like received within the auxiliary compartment 78 and ensuring complete use of the ointment, to thus avoid waste of residual material remaining in the auxiliary compartment.

20 It is appreciated that the lid 82 is fitted for sealing engagement with the cover 78 to thereby prevent leak of material received within the auxiliary compartment and to prevent evaporation of moist received within the container 70.

The embodiment illustrated in Figs. 3A and 3B discloses a cylindrical tissue container 88 holding a roll of moist tissue dispensable through a dispensing
25 cover 92 fitted with a dispensing opening 94 sealingly closable by a lid 98 (Fig.3B), as known *per se*.

Fitted at an opposite side of the container 88 (actually a bottom base thereof) there is an auxiliary compartment 100 in the form of a depression at a base of the container 88 for receiving a preparation and being sealable by a reclosable lid, e.g.
30 foil 104 which is fitted with an adhesive parameter for resealing over a parameter

portion 106 of the base portion, as designated by dashed lines in Fig. 3A. For the sake of convenience, the foil 104 is fitted with a tab 108.

However, according to a modification (not shown) the auxiliary compartment can also be an add-on type fitted for attachment at the bottom end of the container e.g. by snap engagement, adhering, etc. Furthermore, according to another embodiment (not shown) once the tissue container becomes empty, the auxiliary compartment may be detachable from the container, for attaching to a fresh tissue container.

Turning now to Fig. 4 there is illustrated still another embodiment of a tissue container 120 which in the present embodiment is also a cylindrical tissue container. The container is formed with a tissue dispensing cover 122 formed with a tissue dispensing opening 124 sealingly closable by a tissue dispensing lid 126. Formed at an upper portion of lid 126 there is formed an auxiliary compartment 128 sealable by a second lid 130 e.g. in the form of a sealable foil or a snap-type cover. In the present embodiment the tissue dispensing lid 126 is attached to the cover 122 by an integral hinge at 131.

The embodiment depicted in Figs. 5A and 5B refers to a tissue container 148 being a soft-pack type container, fitted with a rigid dispensing cover generally designated 150, fitted in turn with a lid 152 which in Fig 5A is open and in Fig. 5B is closed.

A dispensing opening formed in the container is in register with a dispensing opening in the dispensing cover 150 and is *a priori* sealed with a removable foil 156 (not seen in Fig. 5B) which may be resealable. The dispensing opening 158 may be provided, as already mentioned before, with separation means (not shown) to facilitate removal of one tissue at a time, as known in the art.

Lid 152 is integrally hinged at 164 to the dispensing cover 150 and is fitted with a lifting tab 166. Lid 152 is adapted for snap engagement with a latch 170 projecting within the dispensing opening 158.

Lid 152 is formed with an auxiliary compartment 174 extending from the inner face of the lid and being sealable, e.g. by means of an adhering foil 176 or by

means of a reclosable lid, hinged or removable (not shown). The auxiliary compartment 174 may have a rectangular cross-section as seen in Figs. 5A and 5B or else it may be compartmented into several sub-auxiliary compartments (not shown), each such sub-compartment being independently sealable or resealable.

5 Where more than one auxiliary compartment is provided- different compositions may be received therein, e.g. different types of preparations, medicaments or cleaning agents, etc.

In Fig. 6 there is illustrated an embodiment similar to that disclosed in Figs. 5A and 5B wherein the dispensing cover generally designated 177 comprises an auxiliary compartment 178 formed with a plurality of depressions 179 forming sub-
10 compartments, each sealable with a foil 180. The compartments may be sized to receive a quantity of preparation suitable for a single use wherein the foil would be a removable seal or where the amount of preparation received in the auxiliary compartment be sufficient for more than one serving, then the foil would be
15 resealable.

Turning now to Figs. 7A and 7B, there is illustrated still a different embodiment wherein the dispensing cover 181 is principally similar to that illustrated in Fig. 5A with the difference that the auxiliary compartment 182 formed in the first lid 184 comprises a second lid 186 or a re-adherable foil, and where the
20 auxiliary compartment 182 receives a blister pack 190 (Fig. 7B) comprising several sachets 192 detachably connected to one another and integrally formed with a spout 196 which may be torn open by means of a pre-formed cut-line 198. The blister pack 190 is removably received within the auxiliary compartment 182 or may be adhered there within.

25 Still another embodiment illustrated in Figs. 8A and 8B refers to a dispensing cover generally designated 194 of the general type as disclosed in connection with Figs. 5 and 6, where a tissue dispensing lid 198 is closable over the dispensing opening 201 (Fig. 8A), preferably in a sealing manner. Formed at an outside face of the tissue dispensing lid 198 there is formed an auxiliary
30 compartment 202 sealable by means of a resealable foil 206. However, it is

appreciated that rather than a resealable foil there may be provided a reclosable lid attached to or integral from said lid 198.

Furthermore, rather than being a uniform auxiliary compartment, there may be several embodiments wherein the auxiliary compartment is compartmented as
5 illustrated for example in Fig. 9, wherein several auxiliary compartments 211A to 212E, each individually sealed by a foil portion 214A to 214E, corresponding with the sub-compartments. The sub-compartments 212A to 212E may have a U-like cross-section to facilitate easy scooping therefrom.

Whilst some embodiments have been described and illustrated with
10 reference to some drawings, the artisan will appreciate that many variations are possible which do not depart from the general scope of the invention, *mutatis, mutandis*.

CLAIMS:

1. A tissue container comprising a tissue receiving enclosure and a re-closable opening for dispensing tissues there through, and an associated auxiliary compartment, holding a preparation for use in conjunction with the tissues.
- 5 2. A tissue container according to claim 1, wherein the auxiliary compartment is attached to, integral with, or loosely received within the container.
3. A tissue container according to claim 1, wherein the tissue receiving enclosure holds a plurality of moistened tissues and where the opening is fitted with a dispenser for dispensing one tissue at a time.
- 10 4. A tissue container according to claim 3, wherein the auxiliary compartment is integral with or attached to the dispenser.
5. A tissue container according to claim 4, wherein the dispenser comprises a tissue dispensing opening fitted with a re-closable first lid and a re-closable auxiliary compartment.
- 15 6. A tissue container according to claim 5, wherein the auxiliary compartment is fitted with a re-closable second lid.
7. A tissue container according to claim 6, wherein the second lid is pivotally hinged to the first lid.
8. A tissue container according to claim 6, wherein the first lid and the second
20 lid are hinged to the dispenser about pivot hinges parallelly extending.
9. A tissue container according to claim 8, wherein the first lid and the second lid are hinged to the dispenser adjacent opposite edges of the dispenser.
10. A tissue container according to claim 5, wherein the auxiliary compartment is formed in said first lid and is closable by a re-sealable foil.
- 25 11. A tissue container according to claim 5, wherein the auxiliary compartment is formed in said first lid and is re-closable by a detachable cover.
12. A tissue container according to claim 11, wherein the auxiliary compartment is formed at an inside face of the first lid.

13. A tissue container according to claim 11, wherein the auxiliary compartment is formed at an outside face of the first lid.

14. A tissue container according to claim 1, further comprising a tissue dispenser formed with a tissue dispensing opening and a receptacle constituting the
5 auxiliary compartment; and a re-closable first lid for closing the dispensing opening, and the auxiliary compartment.

15. A tissue container according to claim 14, wherein the auxiliary compartment is fitted with a second sealingly re-closable second lid.

16. A tissue container according to claim 14, wherein the tissue dispensing
10 opening and the auxiliary compartment are coaxial.

17. A tissue container according to claim 14, wherein the auxiliary compartment is an annular groove.

18. A tissue container according to claim 14, wherein the container is cylindrical and has a longitudinal axis coaxial with the tissue dispensing opening
15 and the auxiliary compartment.

19. A tissue container according to claim 6, wherein one or both of the first lid and the second lid are biased to spring-open.

20. A tissue container according to claim 6, wherein one or both of the first lid and the second lid are fitted with a snap-type closing mechanism.

20 21. A tissue container according to claim 5, wherein one or both of the tissue dispensing opening and the auxiliary compartment are pre-sealed with a foil.

22. A tissue container according to claim 1, wherein the auxiliary compartment comprises one or more receptacles fitted to or formed at a bottom of the tissue container.

25 23. A tissue container according to claim 1, wherein the auxiliary compartment is re-sealable by a foil adherable to boundaries of the auxiliary compartment.

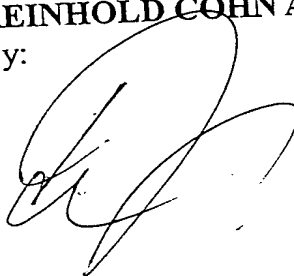
24. A tissue container according to claim 1, wherein the auxiliary compartment comprises several receptacles, each receptacle being independently closable.

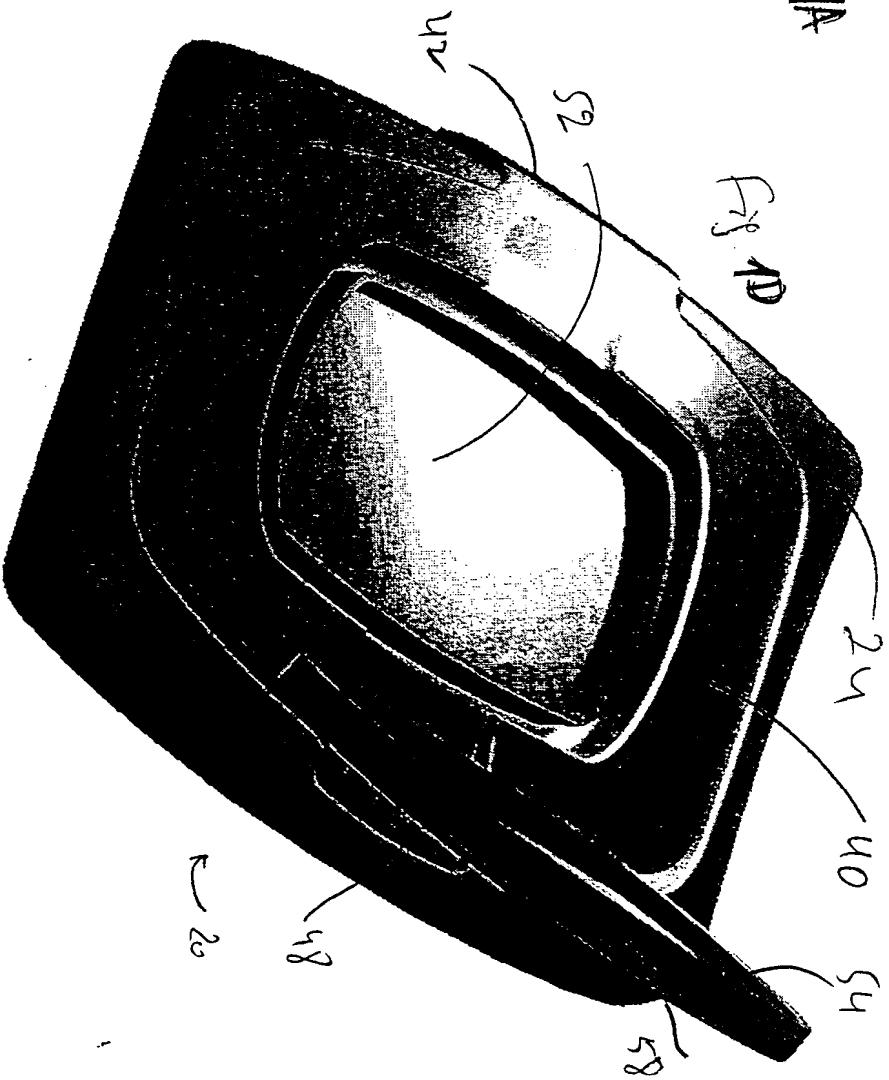
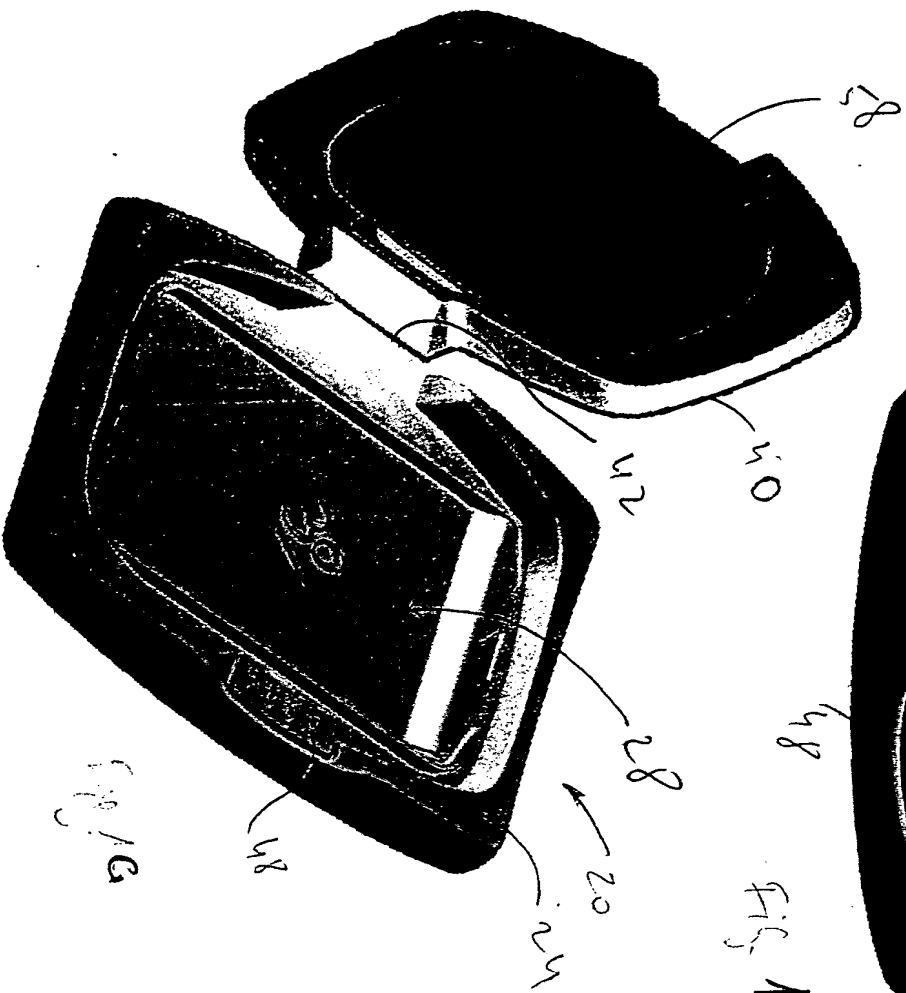
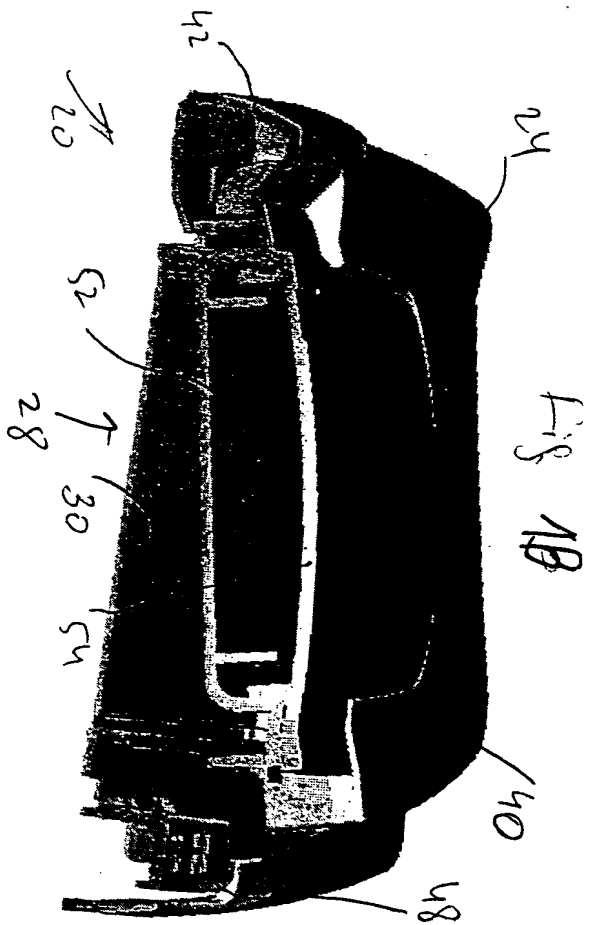
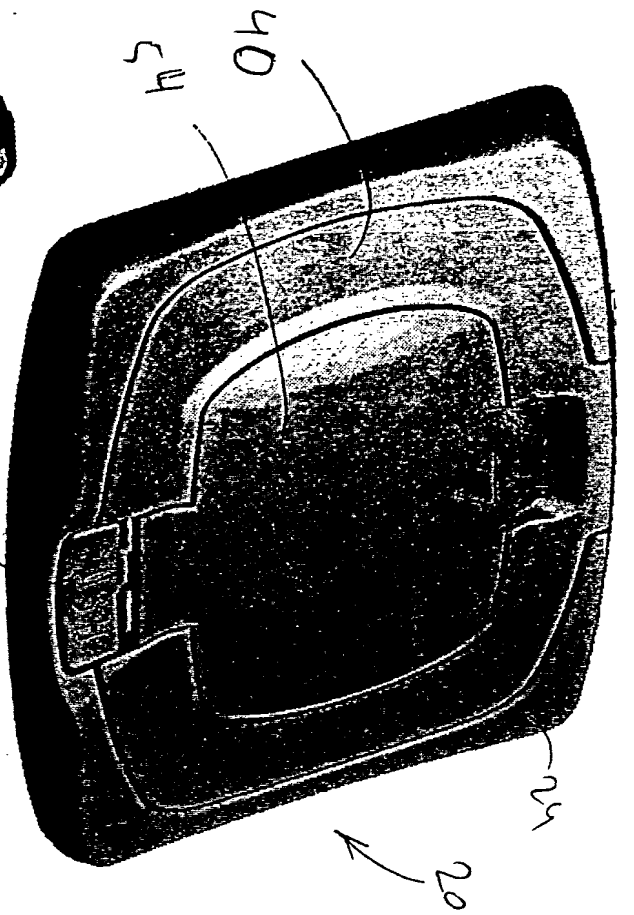
25. A tissue container according to claim 1, wherein the auxiliary compartment
30 has a finger-scoopable cross-section.

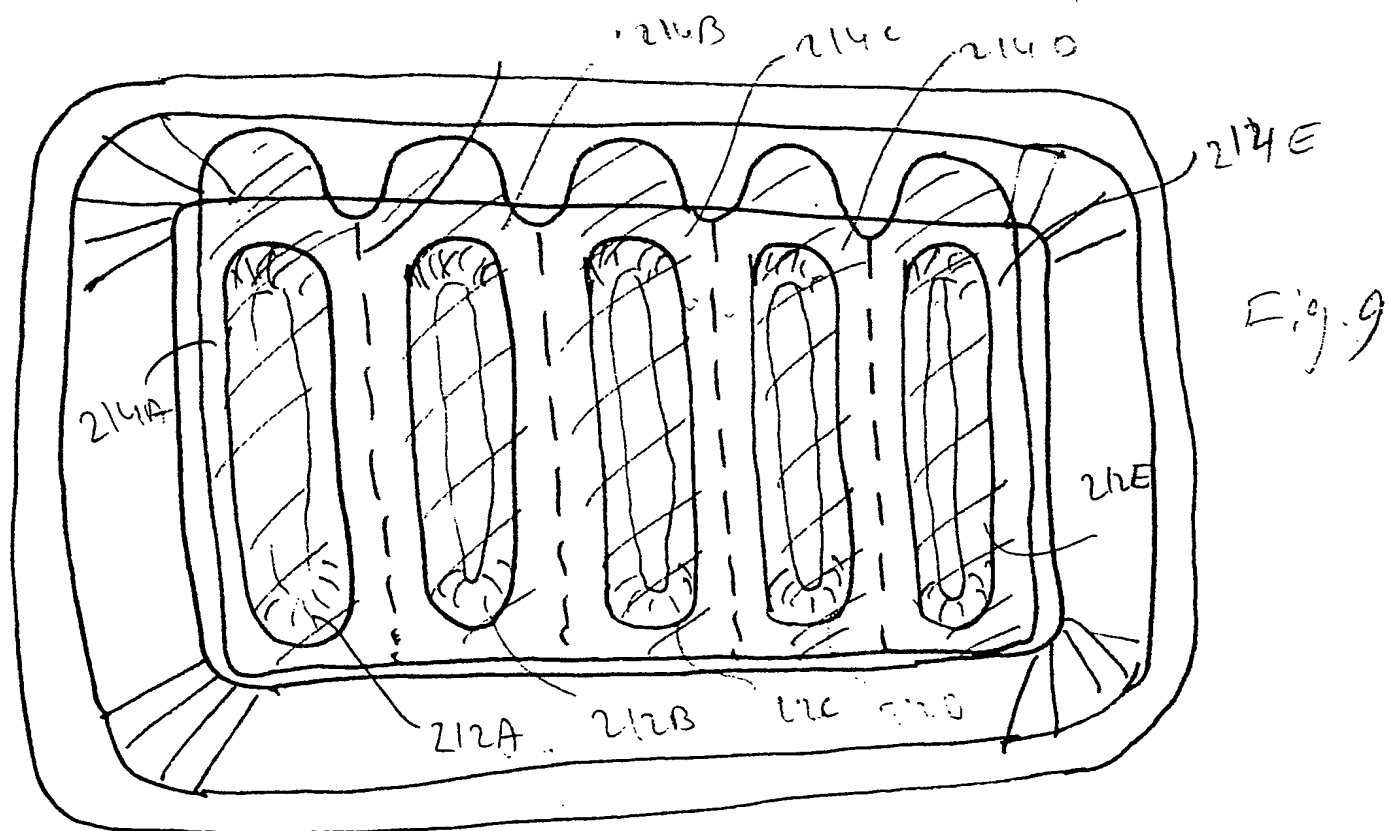
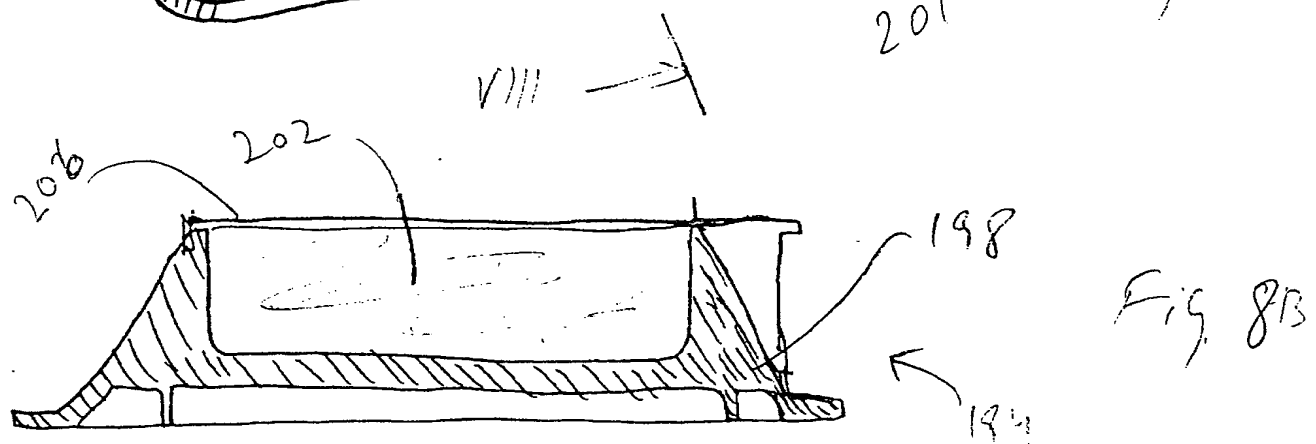
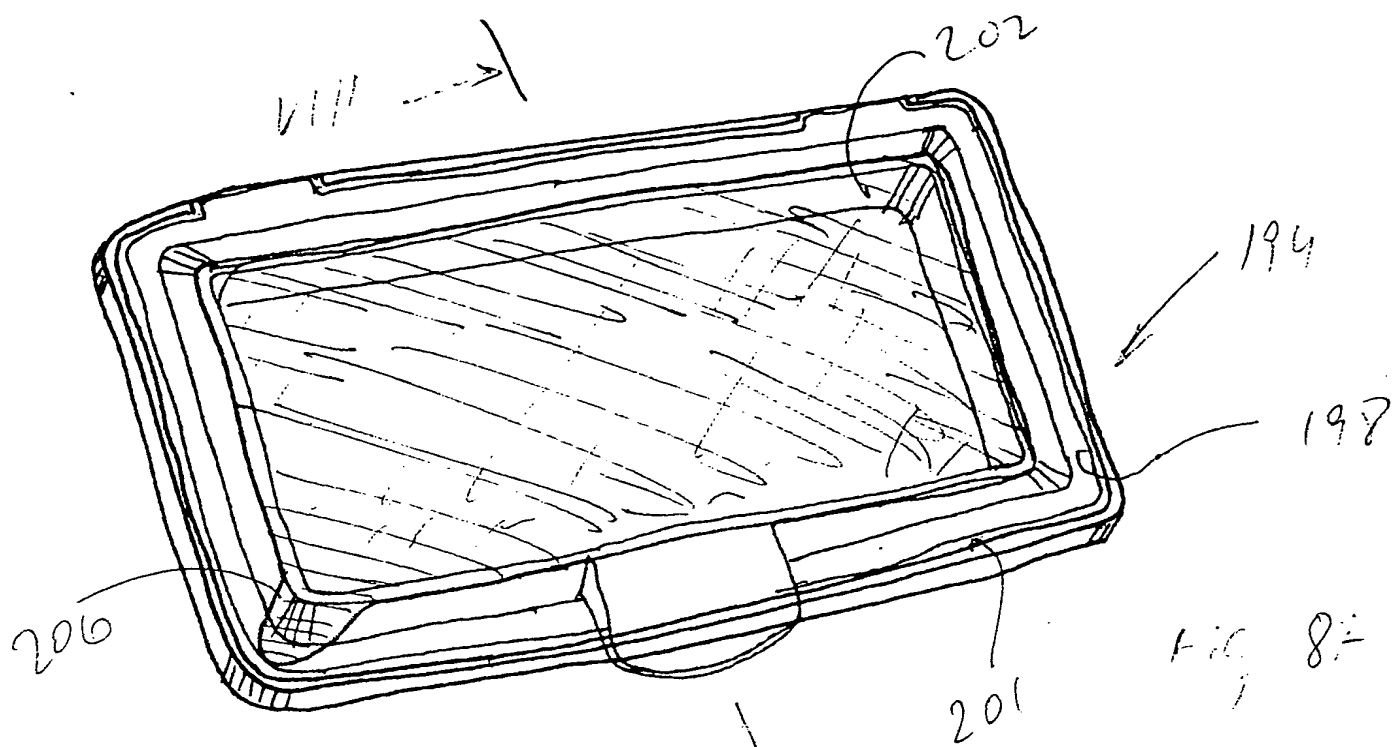
26. A tissue container according to claim 1, wherein the auxiliary compartment is removably received within a tissue receiving enclosure of the container.
27. A tissue container according to claim 26, wherein the auxiliary compartment is a sachet or a blister.
- 5 28. A tissue container according to claim 1, wherein the container is a soft-pack.
29. A tissue container according to claim 1, wherein the container is rigid.
30. A tissue container according to claim 1, wherein the container is portable.
31. A dispensing cover for a tissue container, said cover comprising a tissue
10 dispensing opening and a receptacle constituting an auxiliary compartment; and a re-closable first lid for closing the dispensing opening.
32. A dispenser cover according to claim 31, wherein the auxiliary compartment is fitted with a sealingly re-closable second lid.
33. A dispenser cover according to claim 31, wherein a longitudinal axis of the
15 tissue dispensing opening and the auxiliary compartment is coaxial with a longitudinal axis of the tissue container.
34. A dispenser cover according to claim 32, wherein one or both of the first lid and the second lid are biased to spring-open.
35. A dispenser cover according to claim 32, wherein one or both of the first
20 lid and the second lid are fitted with a snap-type closing mechanism
36. A dispenser container according to claim 32, wherein one or both of the tissue dispensing opening and the auxiliary compartment are pre-sealed with a foil.
37. A dispenser container according to claim 32, wherein the auxiliary compartment is re-sealable by a foil adherable to boundaries of the auxiliary
25 compartment.
38. A dispenser container according to claim 32, wherein the auxiliary compartment comprises several receptacles, each receptacle being independently closable.

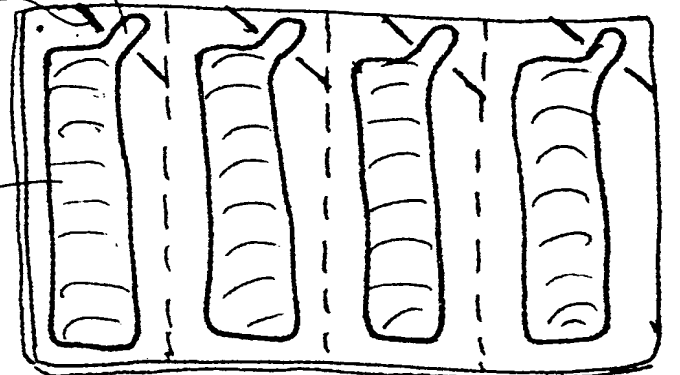
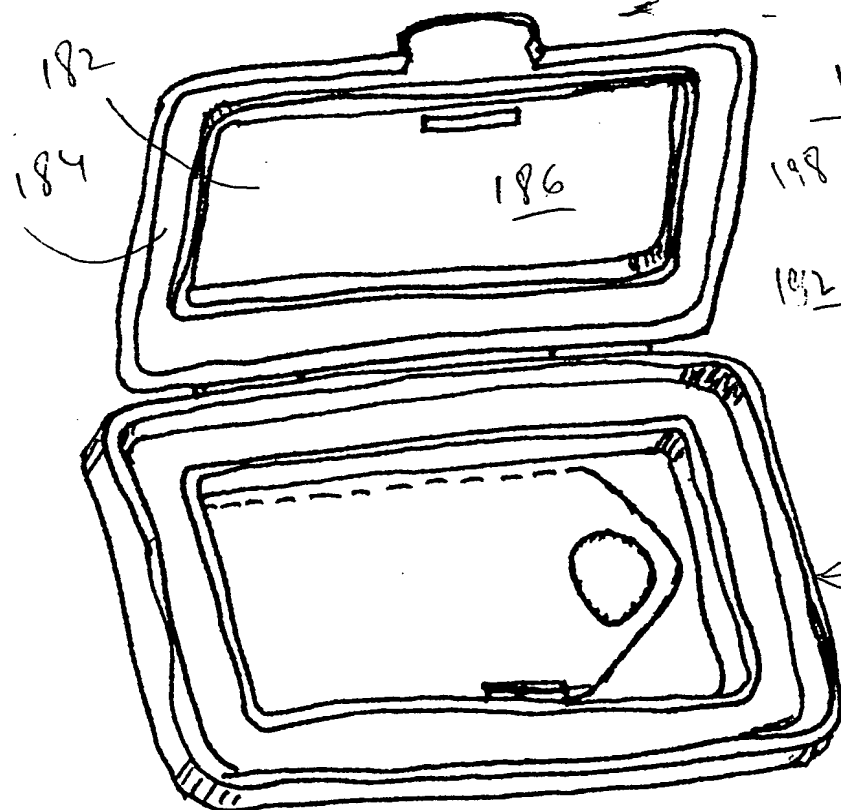
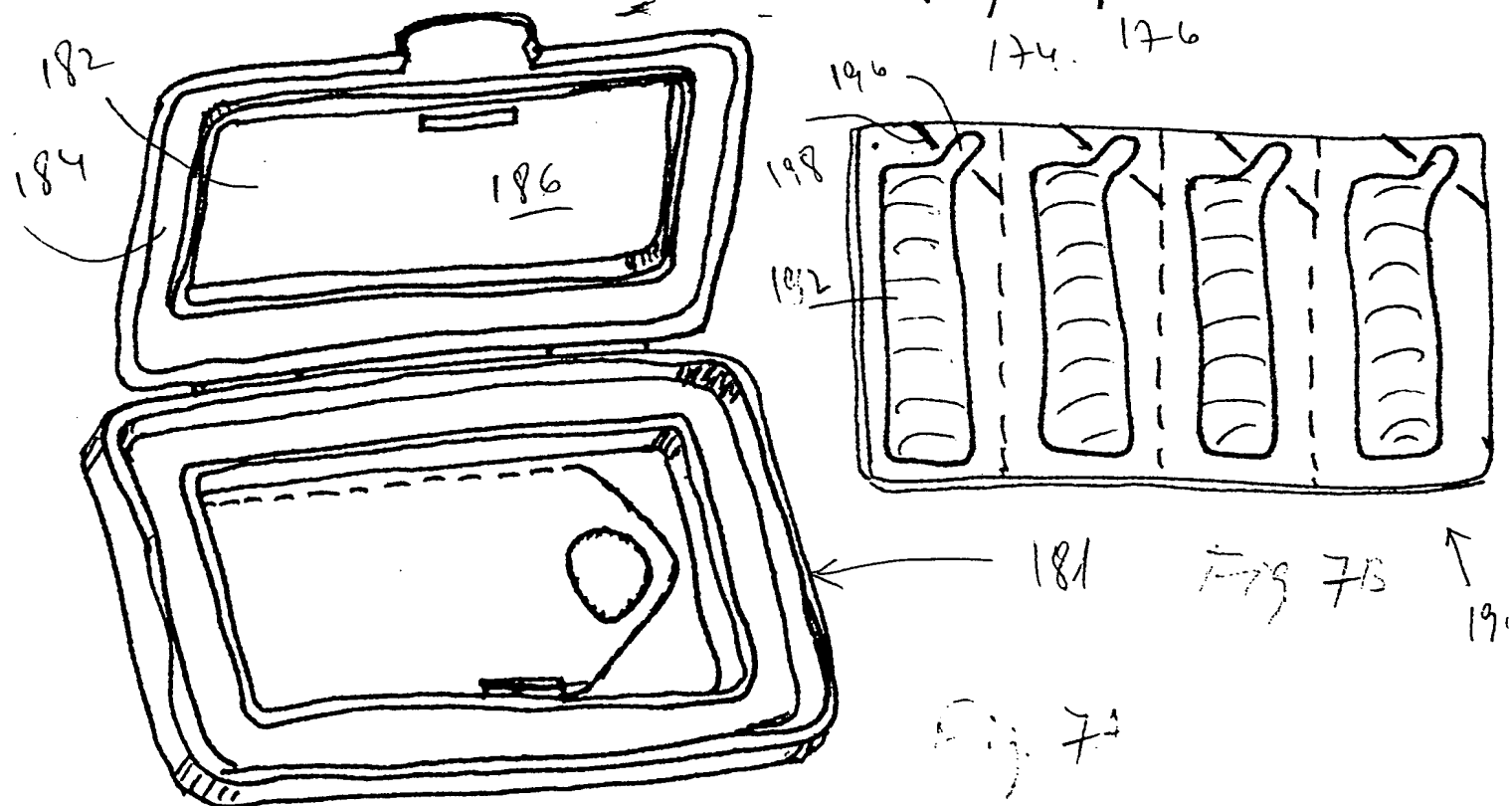
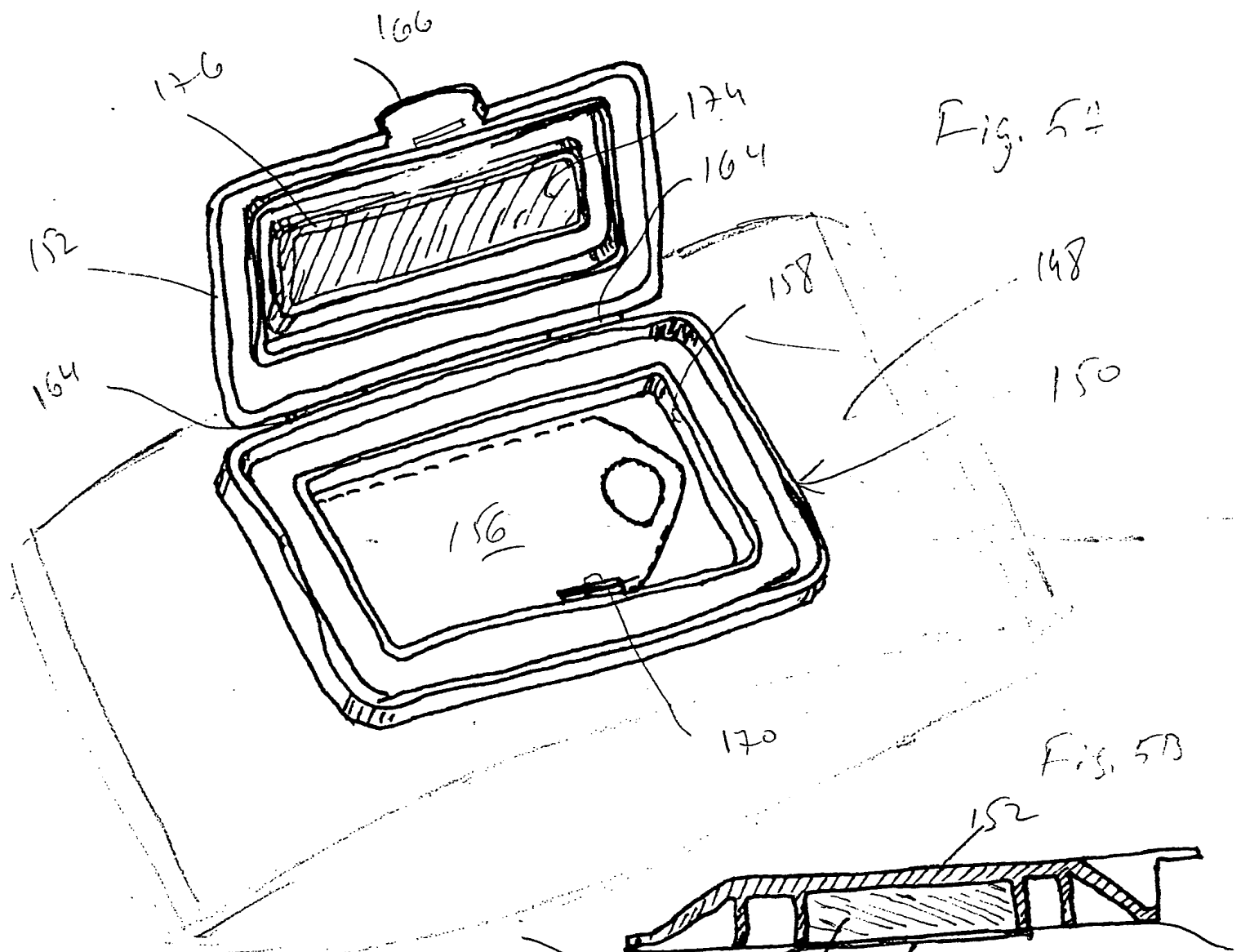
39. A dispenser container according to claim 32, wherein the auxiliary compartment has a finger-scoopable cross-section. wherein the auxiliary compartment has a finger-scoopable cross-section.
40. A compartment for receiving a preparation for use in conjunction with a tissue, said compartment being an auxiliary compartment included with or attached to a tissue container.
41. A compartment according to claim 40, wherein said auxiliary compartment is integral with a tissue dispenser attached to the container.
42. A compartment according to claim 40, wherein said auxiliary compartment is adhered to an outside face of the container.
43. A compartment according to claim 40, wherein said auxiliary compartment is receivable within a tissue receiving enclosure of the container.
44. A compartment according to claim 40, comprising a base portion adapted for detachable engagement with a base portion of a tissue container.
45. A compartment according to claim 44, wherein said base portion is fitted for engagement with a base of a cylindrical tissue container.

For the Applicants,
REINHOLD COHN AND PARTNERS
By:









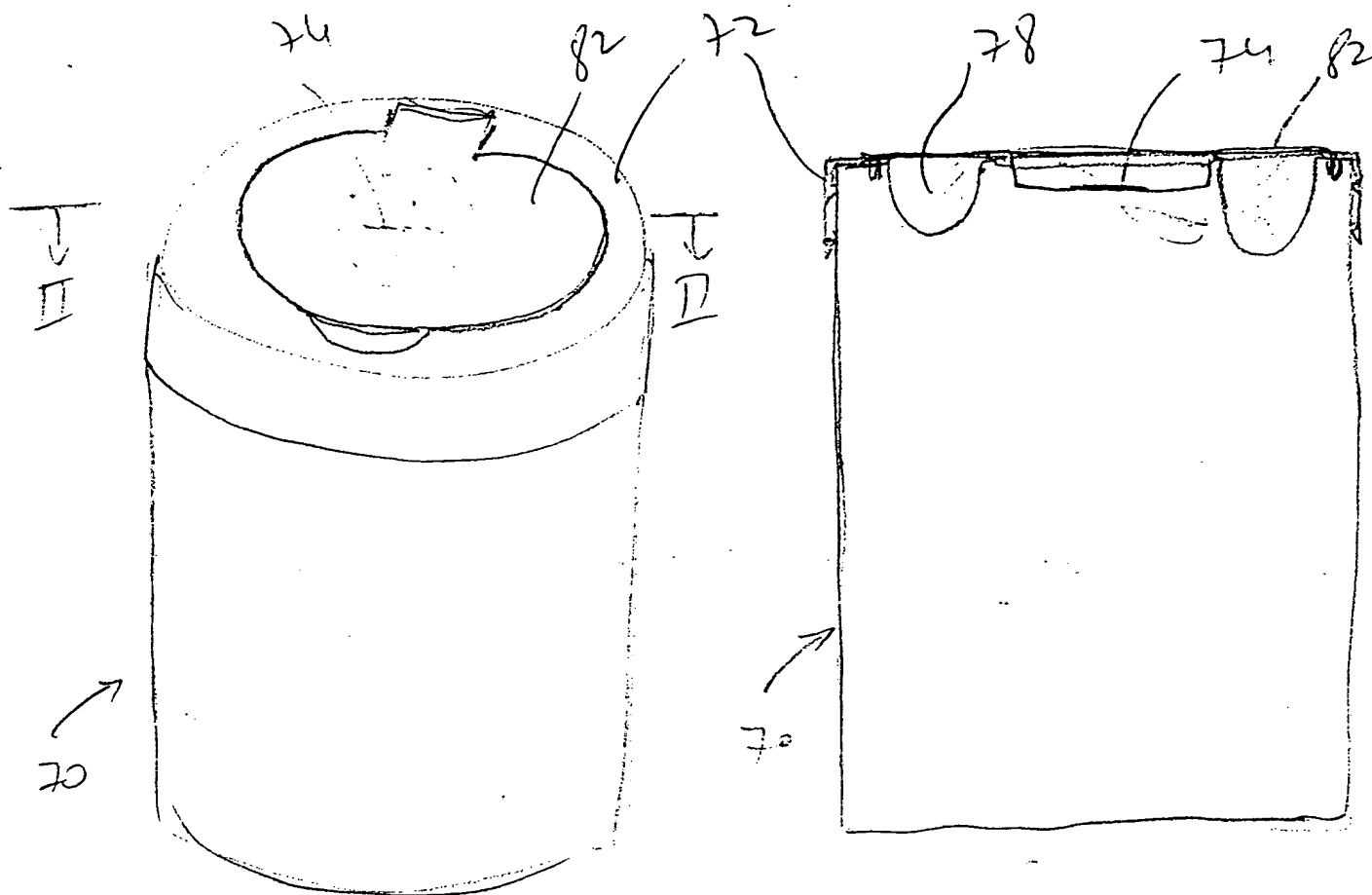


Fig. 2A

Fig. 2B

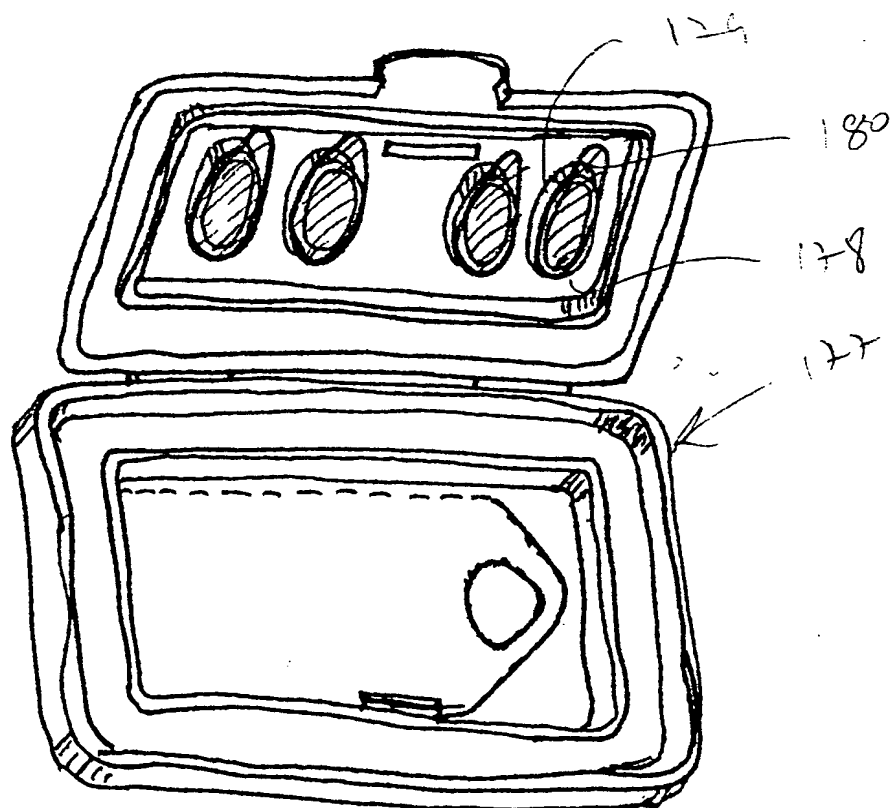


Fig. 6

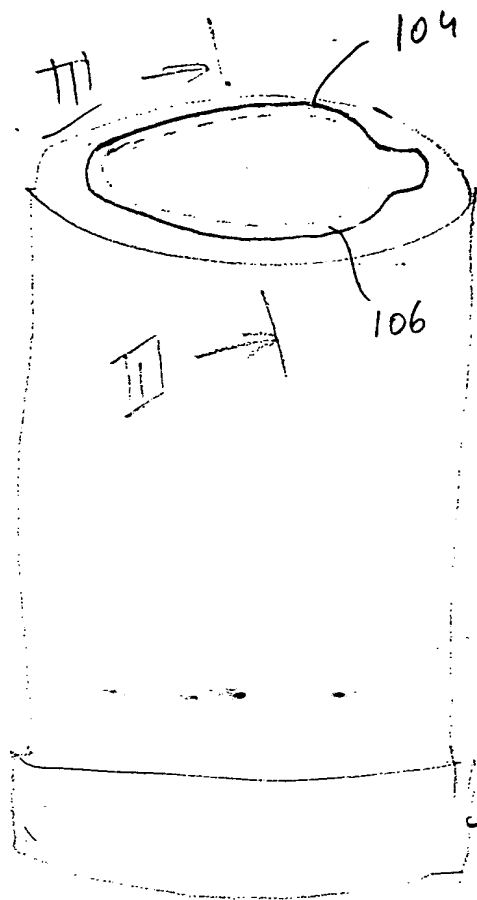


Fig. 3A

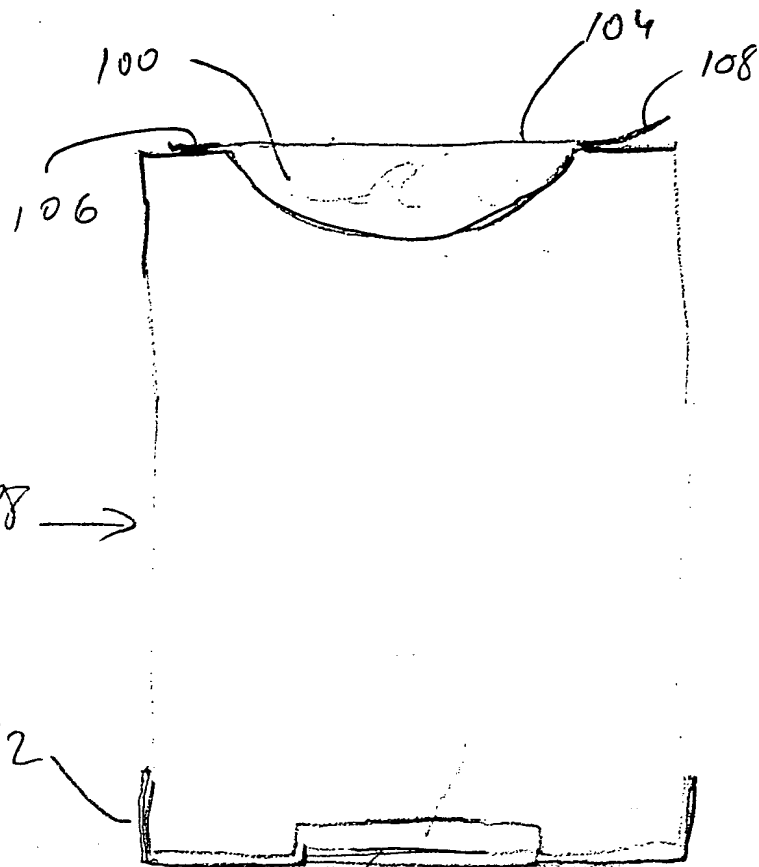


Fig. 3B

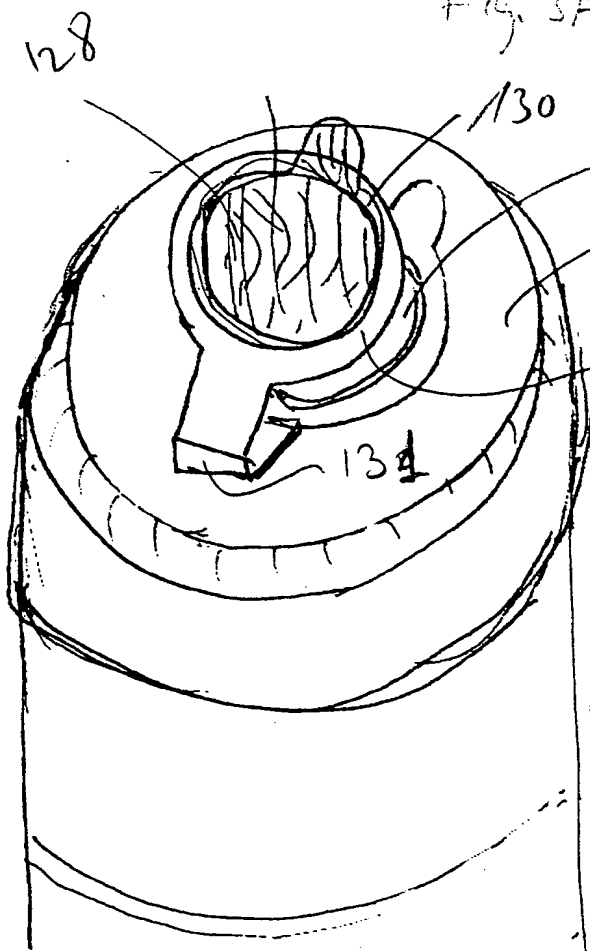


Fig. 4A

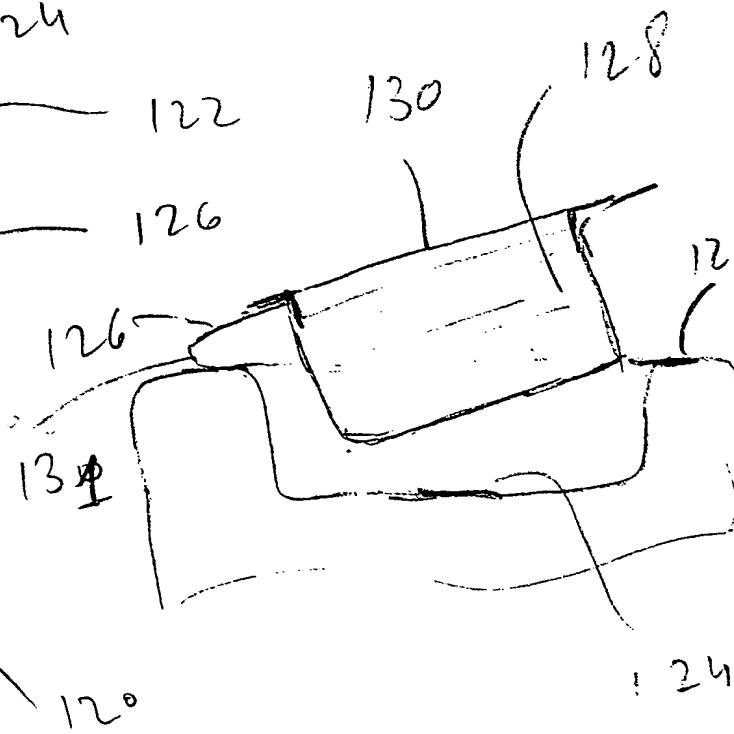


Fig. 4B